

PRIORITY

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OUT54023

1964 SEP 3 21 47Z

~~WFS~~
~~CJS~~
~~CHC~~
~~PHO~~
~~ACU~~

Multi
P 032037Z
FM NPIC WASHDC
TO RUCSBR/SAC OFFUTT AFB OMAHA NEB
RUCVAA/4080 STRAT WG OL 19 BARKSDALE AFB LA
RUCVAA/2D RTS BARKSDALE AFB LA
RUEAHQ/DIA WASHDC
RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD
RUEPIA/CIA WASHDC
RUWBKN/15TH AF MARCH AFB RIVERSIDE CALIF
RUWGAA/2AF BARKSDALE AFB LA
BT
S E C R E T CITE NPIC 2855

Grace (File)

15TH AF (FOR DI), SAC (FOR DIM/GOLDEN TREE/DOCR, DM 4) 2D AF (FOR DI).

1. CAMERA B-101 WAS USED IN MISSION 3940 FLOWN ON 1 SEPTEMBER 1964; PROCESSING WAS ACCOMPLISHED BY BARKSDALE.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS ADEQUATE AND THE RESOLUTION IS GOOD WHERE NOT DEGRADED BY ATMOSPHERIC HAZE OR VEHICLE MOTION.

B. 9R SIDE: PRESSURE ROLLER STATIC (CHATTER) OCCURS ALONG THE INBOARD EDGE OF THE FILM ON THE FIRST 830 FRAMES AND ALONG THE OUTBOARD EDGE OF THE FILM ON FRAMES 830-172, 353-361, 1262-1269, 1281-1305, 1401-1408, AND 1417-1428. THE LAST FIVE GROUPS WERE THE OUTBOARD EDGE PRESSURE ROLLER STATIC IS NOTICEABLE, ARE AREAS OF FOGGED FILM DUE TO PROCESSOR TROUBLES. THE FIRST 1175 FRAMES CONTAIN INTERMITTENT EDGE STATIC ALONG THE INBOARD EDGE OF THE FILM. INTERMITTENT EDGE STATIC IS NOTED ALONG THE OUTBOARD EDGE ON FRAMES 353-1270. A SERIES OF SHORT FINE SCRATCHES ARE NOTED IN A 1.5" WIDE BAND ALONG THE INBOARD EDGE OF THE FILM ON FRAMES 1260 THROUGH 1499. A SHADOWGRAPH OF A HAND IS PRESENT ON PART OF FRAMES 1417 AND 1418, WHICH IS ONE OF THE PROCESSOR FOGGED AREAS. A

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MANUFACTURER'S SPLICE IS MADE IN FRAME 2194.

C. 9L SIDE: ROLLER CHATTER IS PRESENT ALONG THE INBOARD EDGE THROUGHOUT THE FIRST FORTY FRAMES. EDGE STATIC IS PRESENT ALONG THE OUTBOARD EDGE THROUGHOUT THE FIRST 1132 FRAMES AND ALONG THE INBOARD EDGE BETWEEN FRAMES 52-300. A MANUFACTURING SPLICE IS LOCATED IN FRAME 2170 AND HEAT SPLICES ARE LOCATED BETWEEN FRAMES 610-611 AND 1209-1210. EMULSION DEFECTS ARE NOTED IN FRAMES 1658 AND 1666. BLISTERS ARE NOTED IN FRAMES 1937, 1939, 1979.

D. BOTH SIDES: A FLARE IS PRESENT NEAR THE DATA CHAMBER AND EMANATES FROM THE INBOARD EDGE OF THE FILM. THIS FLARE, APPROXIMATELY ONE SQUARE INCH, IS MOST NOTICEABLE IN LOW DENSITY AREAS. IMAGE MOTION IS NOTED ON A LEAST 32 FRAMES OF THIS MISSION. THIS SMEARING APPEARS TO BE ROLL ORIENTED AND IS POSSIBLY RELATED TO NECESSARY VEHICLE MANEUVERS. FRAMES ARE TITLED CONSECUTIVELY FROM 0000 THROUGH 2369.

E. THERE WERE NO MAJOR CAMERA MALFUNCTIONS ENCOUNTERED DURING THE MISSION. PROCESSOR INDUCED (STOPPAGE) FOGGING OCCURRED IN FIVE AREAS OF THE 9R SIDE.

3. POSITIVE:

A. THE PI SUITABILITY IS GOOD EXCEPT WHERE DEGRADED BY VEHICLE ATTITUDE AND ATMOSPHERICS.

B. THE PRINTING AND PROCESSING ARE GOOD.

C. CLOUDS OBSCURE 40 PERCENT OF THE MISSION.

S E C R E T

-END OF MESSAGE-